

WHAT IS CLAIMED IS:

1. A home entertainment unit comprising:
  - a set-top box having electronic components; and
  - a low-height printer mechanism mechanically and

5 electrically integrated with the set-top box, wherein the printer mechanism is responsive to the electronic components for printing on media sheets.
2. The home entertainment unit of claim 1 further comprising:
  - 10 an input tray for holding input media sheets;
  - a printhead for printing information on the input media sheets;
  - an output area for holding the output media sheets; and
  - at least a roller for moving the media sheets from the input

15 tray to the printhead and from the printhead to the output area.
3. The home entertainment unit of claim 2 wherein the media sheets have a width and a length, the length having a greater dimension than the width, and wherein the media sheets are stored in the input
- 20 tray with their length extending from a front to a back of the printer, and the printhead scans and prints on the media sheets from the front to the back of the printer along a first axis.

4. The home entertainment unit of claim 3 wherein the media sheets are stored in the input tray with their width extending from the front to the back of the printer.

5 5. The home entertainment unit of claim 4 wherein the printhead scans and prints on the media sheets widthwise.

6. The home entertainment unit of claim 5 wherein the output area has a curved shape.

10

7. The home entertainment unit of claim 6 further comprising an open slot for retrieving output media sheets.

8. The home entertainment unit of claim 7 further comprising  
15 a door for retrieving output media sheets.

9. A printer comprising:  
an input area capable of holding media sheets, the media sheets having a length and a width, the length having a greater  
20 dimension than the width, wherein the length of the media sheets extends from a front to a back of the printer; and

a printhead that prints information on the media sheets, wherein the printhead scans and prints on the media sheets along an axis parallel to the length of the media sheets.

5           10.    The printer of claim 9 further comprising:

an output area that holds the media sheets after the printhead prints all required information on the media sheets; and

at least one roller capable of advancing the media sheets from the input area to the printhead and from the printhead to the output  
10    area.

11.    The printer of claim 10 wherein the media sheets are stored in the input area in a tray so that the width of the media sheets extends from the front to the back of the printer and the printhead scans and  
15    prints on the media sheets along an axis parallel to the width of the media sheets.

12.    The printer of claim 11 wherein the output area has a curved shape.

20

13.    The printer of claim 12 further comprising an open slot for retrieving output media sheets.

14. The printer of claim 13 further comprising a door for retrieving output media sheets.

5 15. A method for printing information on a media sheet, the media sheet having a length and a width, the length having a greater dimension than the width, the method comprising:

storing at least one media sheet in an input area; and

feeding the media sheet to a printhead; and

10 scanning the printhead on the media sheet along an axis from a front to a back of the input area and parallel to the width of the media sheet.

16. The method of claim 15 further comprising storing output media sheets in a semi-curved up position.

15

17. The method of claim 16 further comprising:

holding the media sheets in an output area after the printhead prints all required information on the media sheets; and

20 advancing the media sheets from the input area to the printhead and from the printhead to the output area with at least one roller.

18. The method of claim 16 further comprising providing an open slot for retrieving output media sheets.

5 19. The method of claim 16 further comprising providing a door for retrieving output media sheets.

20. A printer comprising:

an input tray for holding media sheets having a width and a length in a landscape orientation, the length having a greater dimension than the width;

10

a printhead for scanning and printing across the length of the media sheets in a landscape orientation;

an output area for holding the output media sheets in a semi-curved position; and

15 at least one roller for moving the media sheets from the input tray to the printhead and from the printhead to the output area.